

# Work Order ID 78558

**\*78558\***

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January-11-12 10:56:49 AM

Item ID: DSI 9268-011 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Modification  
 Start Date: 11/01/2012 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 25/01/2012 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: M.L.J Date: 12/01/11 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
DSI 9268	Rev C	<i>SP</i>

100 DOCUMENT CONTROL 0.00  
**\*100\***  
 DC Memo 0.00  
 Document Control Photocopy bluefile & type labels per PPP DSI 9268-011 CHG 003 *S 12/01/31* *SP 12-1-30*

110 Pick Kit 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging *SP 12-01-30*

120 QC4- 100% Inspect kits for completeness 0.00  
**\*120\***  
 QC Memo 0.00 *S 12/01/31* *(TD)*  
 Quality Control

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 78558

**\*78558\***

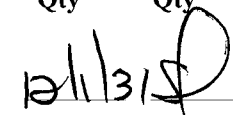


Page 2

January-11-12 10:56:49 AM

Item ID: DSI 9268-011 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Modification  
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 Required Date: 25/01/2012 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP DSI 9268-011								
	Location: _____								
	PPP rev: <b>B</b>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

12/1/31    
 12/2/6   
 MC  
 12-01-31

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

January-11-12 10:56:53 AM

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Work Order ID: 78558

**\*78558\***

Parent Item: DSI 9268-011

**\*DSI 9268-011\***

Parent Item Name: Basket Modification

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:D 09-02-25 rev.c as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-17A		Purchased	No			110	Each	426.0000	5	5			
<b>*AN4-17A*</b>									<b>**</b>				
Bolt													

Location	Loc Qty	Loc Code
ST359	426	
112314	6	
118628	20	
118983	300	
119798	100	

AN960JD416	NAS1149D0463J	Purchased	No			110	Each	0.0000	5	5			
<b>*AN960JD416*</b>									<b>**</b>				
Washer													

D3230-041		Manufactured	No			110	Each	0.0000	1	1			
<b>*D3230-041*</b>									<b>**</b>				
Basket Wedge Assembly													

DSI 9053-011		Manufactured	No			110	Each	0.0000	1	1			
<b>*DSI 9053-011*</b>									<b>**</b>				
Basket Hinge Change													

MS21042L4		Purchased	No			110	Each	7,809.000	5	5			
<b>*MS21042L4*</b>									<b>**</b>				
Nut													

Location	Loc Qty	Loc Code
ST300	7809	
117441	51	
117601	342	
118451	133	
119017	2283	
119075	5000	

m120187 SP.

m119075 5x SP.

B78619. SP.  
12-01-31.

B79644. SP  
12-01-31  
SP 12-01-30

5x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-541

REF. CANADIAN STC: SH96-120

REF. FAA STC: SR00696NY

EASA STC: EASA.IM.R.S.O.1242

THE PURPOSE OF THE DSI 9268-011 BASKET MODIFICATION KIT IS TO INCREASE THE VOLUME OF THE D205-541-043/-044 BASKETS. NOTE THAT D205-541-041 BASKETS MUST BE CONVERTED INTO D205-541-043/-044 PER DSI 9226 BEFORE PERFORMING THIS MODIFICATION.

## TO INSTALL THE DSI 9268-011 KIT:

- 1) FOR BASKETS WITH:
- A) PIANO HINGES: INSTALL THE DSI 9053-011 HINGE CHANGE KIT AND SEPARATE LID FROM BASE.  
OR
  - B) DSI 9053-011 HINGE CHANGE KIT ALREADY INSTALLED: NO CHANGE IS REQUIRED. SEPARATE LID FROM BASE.  
OR
  - C) HINGE PLATES WELDED TO LID & BASE: NO CHANGE IS REQUIRED. SEPARATE LID FROM BASE.
- 2) ATTACH LID TO D3230-041 BASKET WEDGE ASSEMBLY. MOVE D2332-041 PROP ASSEMBLY FROM BASKET BASE TO WEDGE ASSEMBLY PER FIGURE 1.
  - 3) LOCATE D3230-041 BASKET WEDGE ASSEMBLY COMPLETE WITH BASKET LID ON THE EXISTING BASKET BASE. TEMPORARILY CLAMP IN PLACE AND CHECK FOR PROPER LATCHING OF THE EXISTING LID WITH THE WEDGE. ADJUST LOCATION OF WEDGE ASSEMBLY TO ENSURE PROPER LATCHING. SHIM AS REQUIRED TO ENSURE PROPER LATCHING.
  - 4) TRANSFER LOCATION OF 1/4" ATTACHMENT HOLES FROM WEDGE TO EXISTING BASE.
  - 5) REMOVE WEDGE AND DRILL Ø0.266" HOLES THROUGH THE EXISTING BASE. DEBURR HOLES.
  - 6) INSTALL WEDGE USING AN4-17A BOLTS, AN960JD416 WASHERS, AND MS21042L4 NUTS PROVIDED (5 PLACES TOTAL). NOTE THAT THE BOLTS IN SOME LOCATIONS MAY HAVE TO BE INSTALLED WITH THE NUTS ON TOP BECAUSE OF CLEARANCE ISSUES.
  - 7) ADJUST WEIGHT AND BALANCE AS FOLLOWS:

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
DSI 9268-011	20 lb	± 63.13 in	± 1263 in-lb	132.25 in	2645 in-lb
BASKET MODIFICATION KIT	9 kg	± 1.60 m	± 14.4 m-kg	3.36 m	30 m-kg

## DSI 9268-011 KIT PARTS LIST:

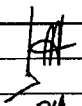




QTY -011	P/N	DESCRIPTION
X	DSI 9268-011	BASKET MODIFICATION KIT
1	D3230-041	BASKET WEDGE ASSEMBLY
1	DSI 9053-011	HINGE CHANGE KIT
5	AN4-17A	BOLT
5	AN960JD416	WASHER
5	MS21042L4	NUT

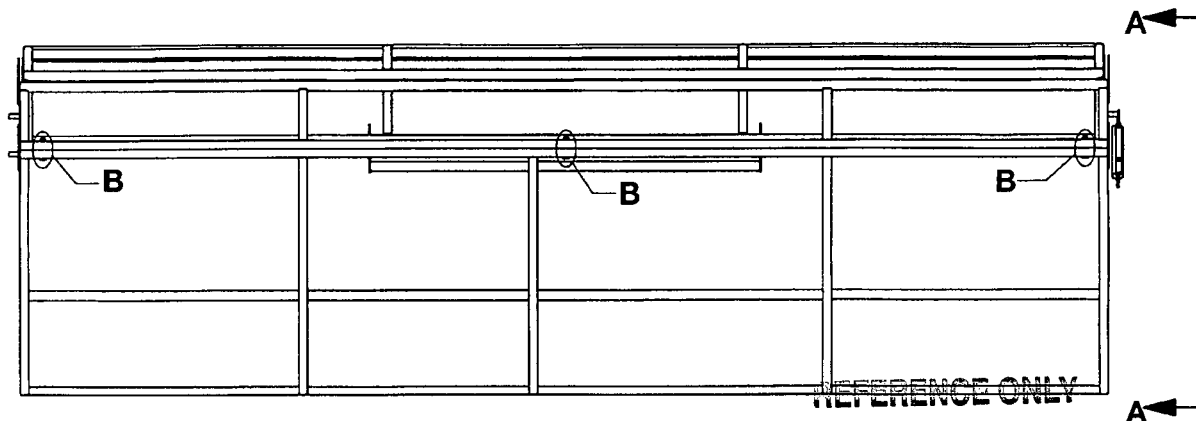
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

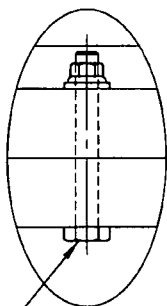
BY:   
D. SHEPHERD (DE #02)

DATE: 09.02.02  
CERT. NO.: SH96-120  
ISSUE NO.: 3

C	UPDATED TO CURRENT DWG STANDARDS; REVISED INSTALLATION STEP #1. CORRECTED TYPO (DSI 9053-011 WAS DSI 9052-011). REASON: REDESIGN OF D3230-041 (REF. NCR#09-010).	MB	09.02.02
B	CHANGE ORIENTATION OF WEDGE	CP	03.11.19
A	NEW ISSUE	CP	03.10.24
REV.	DESCRIPTION	BY	DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		DSI 9268	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BASKET MODIFICATION KIT	NTS
DATE	09.02.02	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

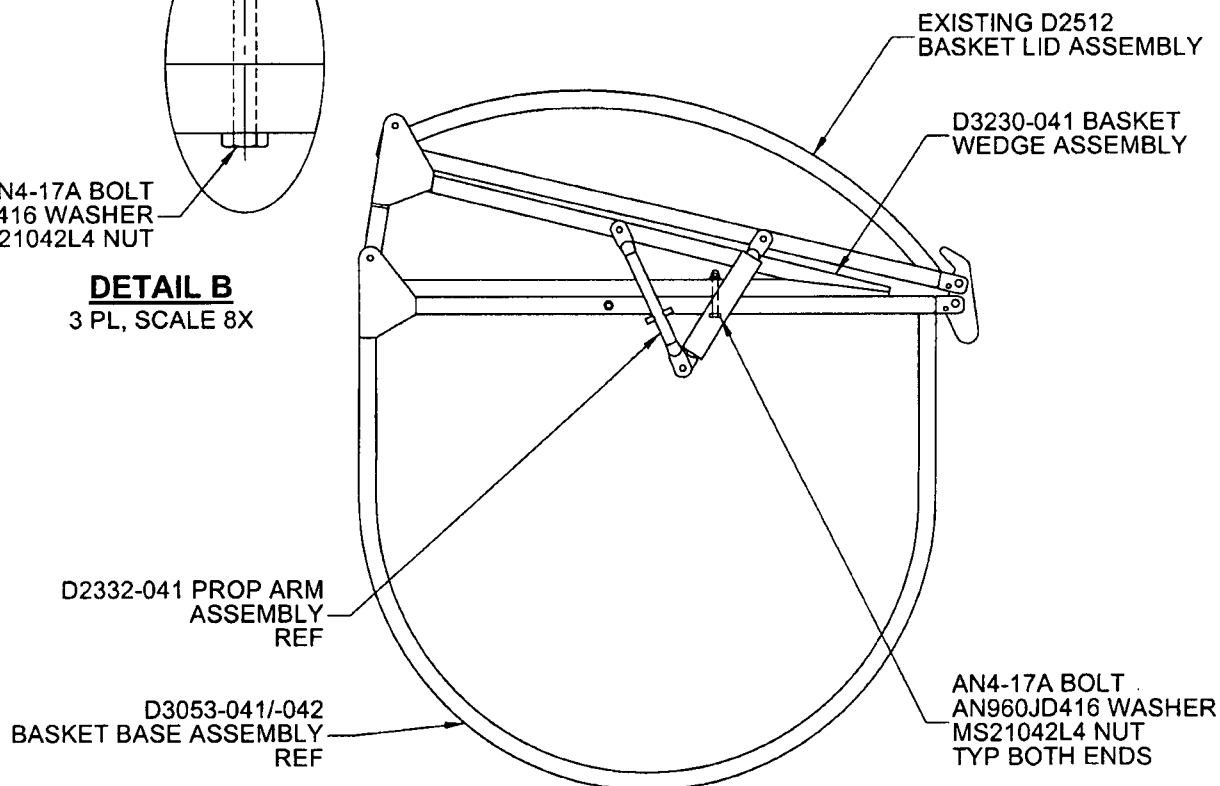


**FIGURE 1 - LOOKING OUTBOARD**  
(MESH NOT SHOWN FOR CLARITY)



AN4-17A BOLT  
AN960JD416 WASHER  
MS21042L4 NUT

**DETAIL B**  
3 PL, SCALE 8X



**VIEW A-A**  
(MESH NOT SHOWN FOR CLARITY)

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 09.02.02  
CERT. NO.: SH96-120  
ISSUE NO.: 3

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	DSI 9268	SHEET 2 OF 2
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